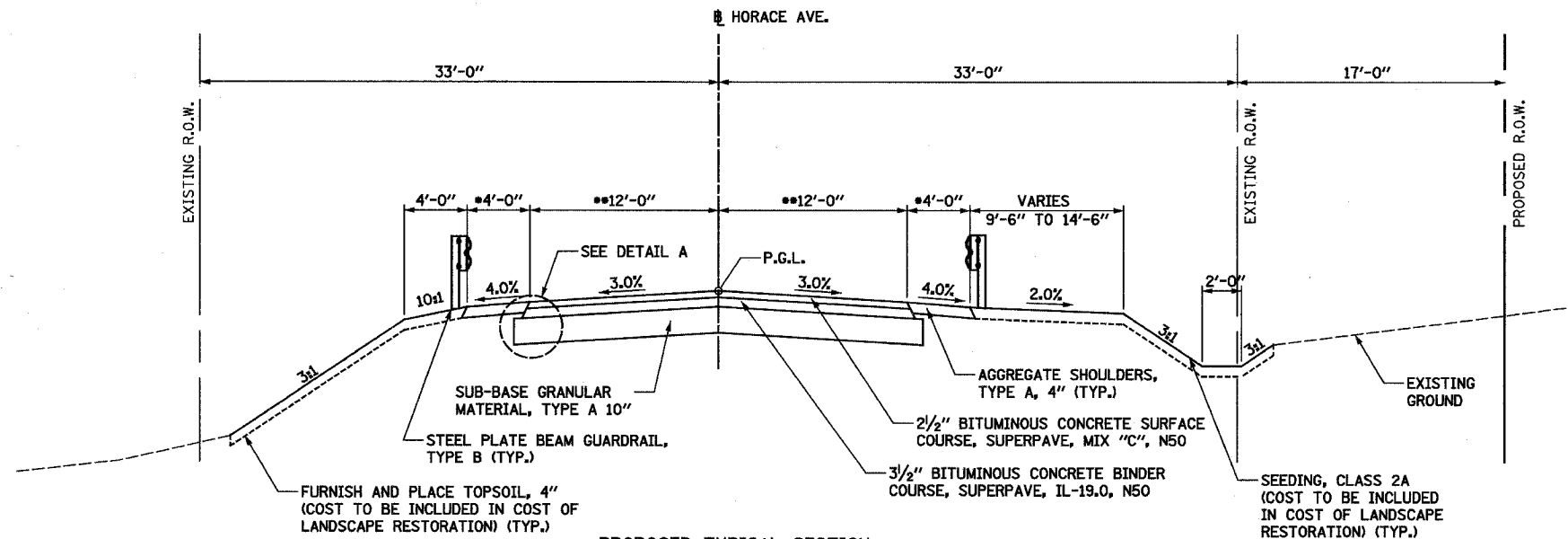


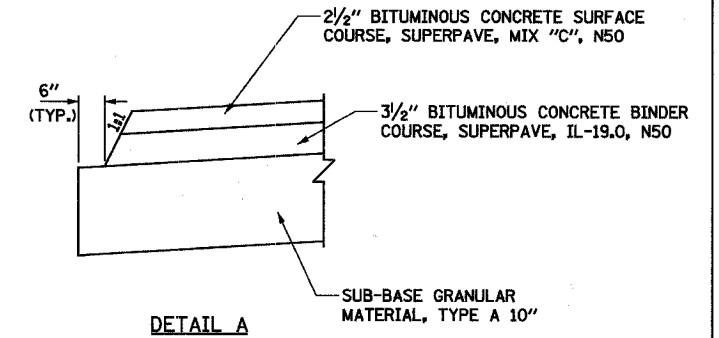
|                       |                |           |                      |           |
|-----------------------|----------------|-----------|----------------------|-----------|
| F.A.U. RTE.           | SECTION        | COUNTY    | TOTAL SHEETS         | SHEET NO. |
| 5100                  | 04-00526-00-BR | WINNEBAGO | 17                   | 5         |
| STA.                  |                | TO STA.   |                      |           |
| FED. ROAD DIST. NO. 1 |                | ILLINOIS  | PROJECT BHM-5099(63) |           |
| CONTRACT NO. 85358    |                |           |                      |           |



**PROPOSED TYPICAL SECTION**

STA. 11+60.00 TO STA. 12+59.74  
STA. 13+08.83 TO STA. 13+60.00

- SHOULDER WIDTH DECREASES AS PAVEMENT WIDTH TRANSITIONS FROM 12'-0" TO 13'-6" AT CULVERT
- PAVEMENT TRANSITIONS FROM 12'-0" TO 13'-6" AT CULVERT



STRUCTURAL DESIGN TRAFFIC: YEAR 2015

PC = 2125 SU = 114 MU = 46

ROAD/STREET CLASSIFICATION: CLASS II

MINIMUM SOIL SUPPORT:

IBR = 3 (STA. 11+60.00 TO 13+60.00)

PERCENT OF S.D.T. IN DESIGN LANE:

P = 50 S = 50 M = 50

T.F. = 0.31 DT = 3.5 (STA. 11+60.00 TO 13+60.00)

PAVEMENT STRUCTURE MATERIALS:

SURFACE COURSE TYPE:

BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50

$a_1 = 0.4$

BASE COURSE TYPE:

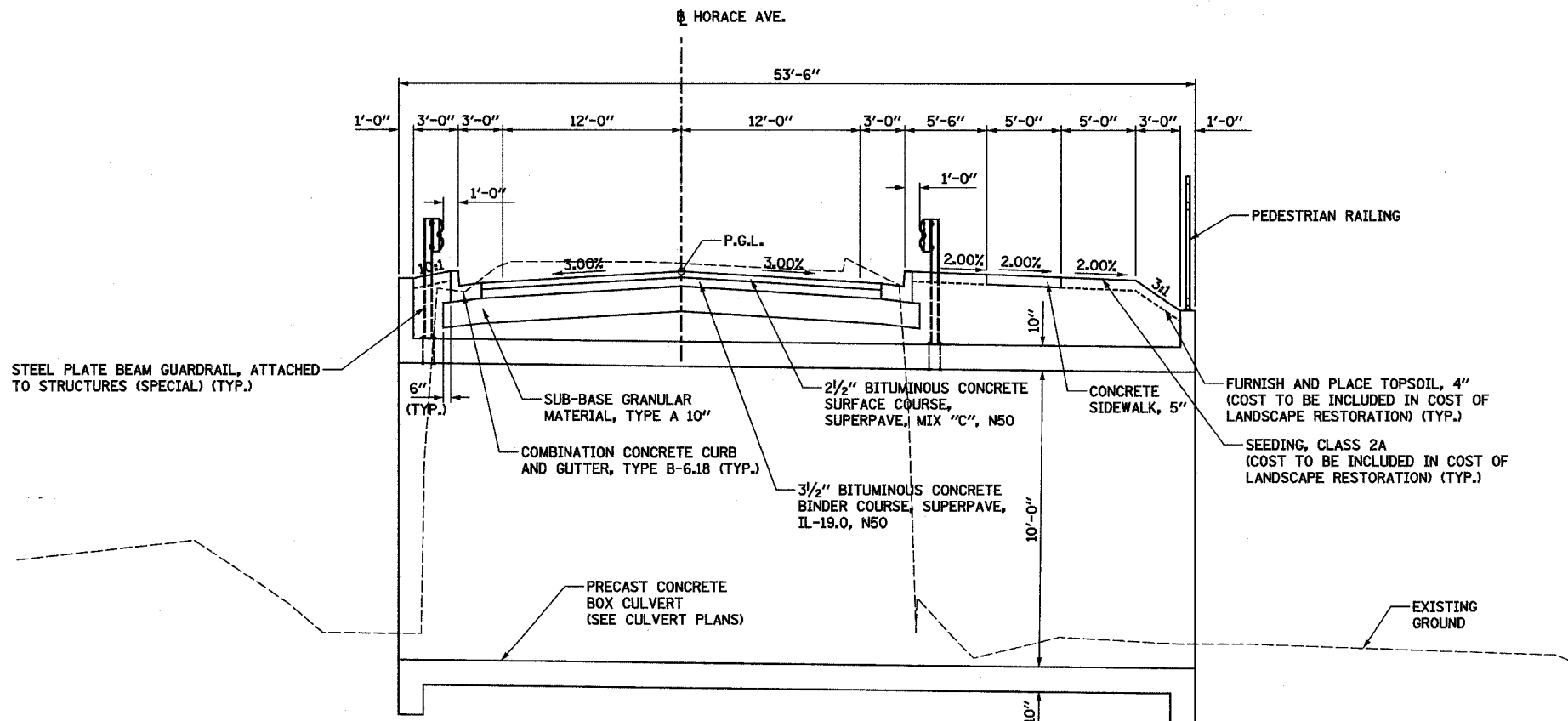
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50

$a_2 = 0.33$

SUB-BASE TYPE:

GRANULAR MATERIAL TYPE A (CRUSHED)

$a_3 = 0.14$



**PROPOSED TYPICAL SECTION**

STA. 12+59.74 TO STA. 13+08.83

| REVISIONS |      |
|-----------|------|
| NAME      | DATE |
|           |      |
|           |      |
|           |      |
|           |      |
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|           |      |
|           |      |

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.U. 5100

SECTION 04-00526-00-BR

CITY OF ROCKFORD, IL

HORACE AVE. OVER S. FORK KENT CREEK

**PROPOSED TYPICAL SECTIONS**

SCALE: VERT. HORIZ. DATE 03/22/05

DRAWN BY RLA CHECKED BY JDS



|          |     |          |                                    |
|----------|-----|----------|------------------------------------|
| LAYOUT   | RLA | 02/23/05 | mmh                                |
| DRAWN    | JDS | 03/16/05 | 03/22/2005                         |
| REVIEWED | JDS | 03/17/05 | 104128504R1901P_032205C-STY701.dgn |